

FIG. 1A

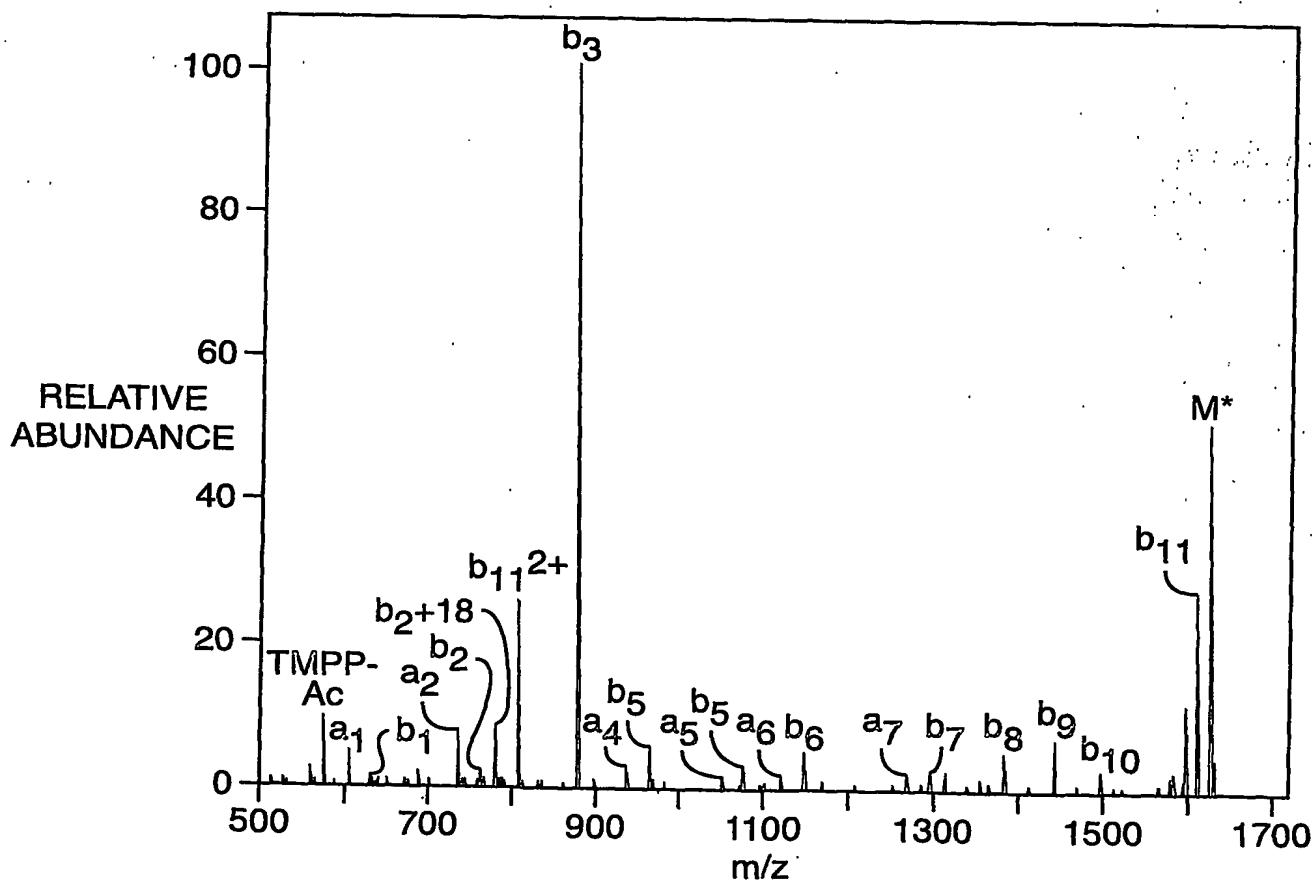


FIG. 1B

SUBSTRATE MW	TRYPTIC FRAGMENTS			TMPP-Ac PEPTIDES		
	EXPECTED	FOUND	COVERAGE %	EXPECTED	FOUND	COVERAGE %

$\beta$ -Endorphin (3165Da)	6	6	100	6	6	100
HUMAN GIP (4984Da)	6	6	95	6	6	95
BOVINE GHRF (5108Da)	7	8	93	7	7	91
HORSE Cytochrome C (11702)	9	8	55	9	20	86
HORSE Myoglobin (16952 Da)	11	10	77	11	16	75
RABBIT G-3PD (35822 Da)	21	9	32	21	12	38
BSA (66141 Da)	54	17	28	54	31	45
RABBIT Phosphorylase b	74			74	28	30
<i>E. coli</i> $\beta$ -Galactosidase	65	35	52	65	48	59

FIG. 2

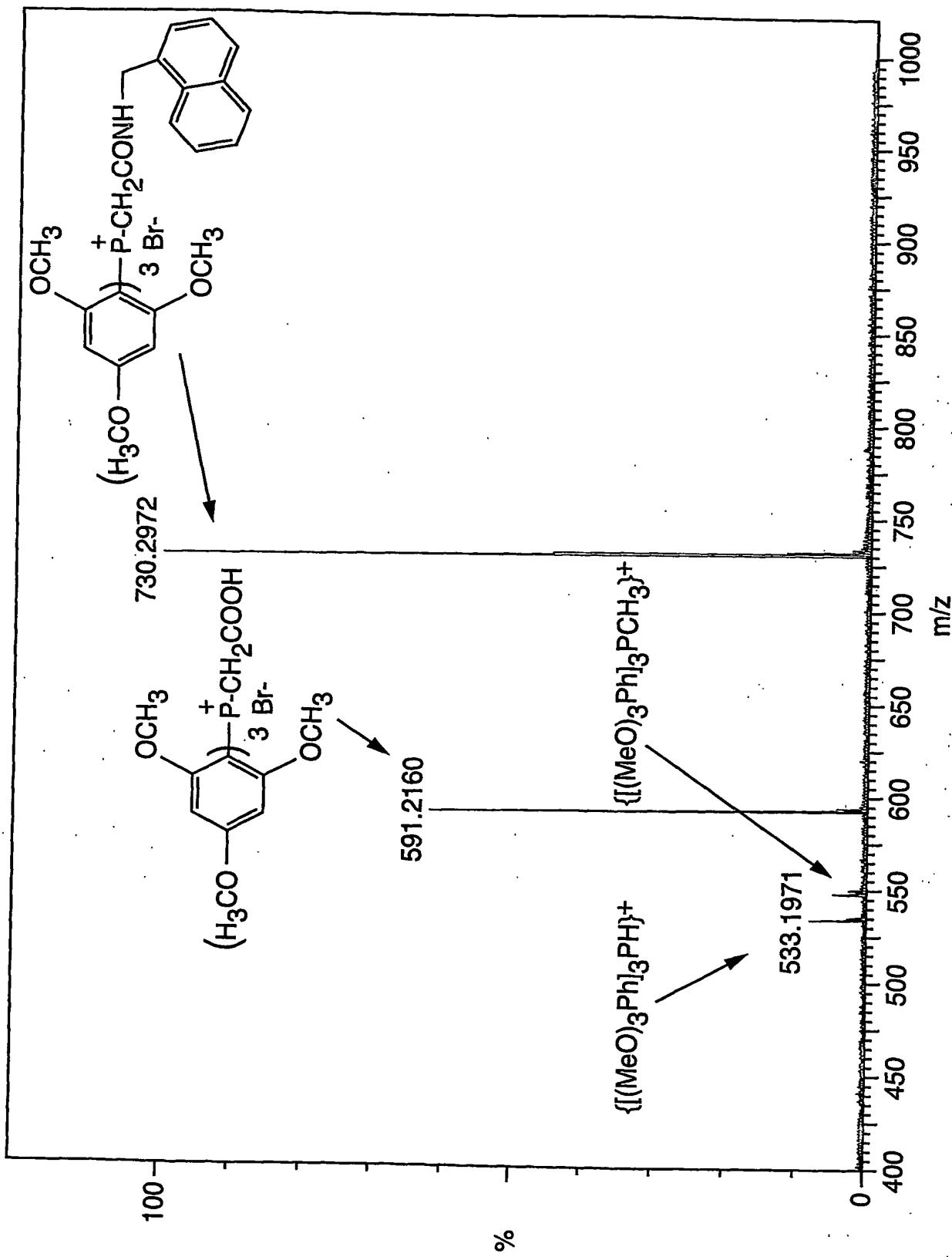


FIG. 3

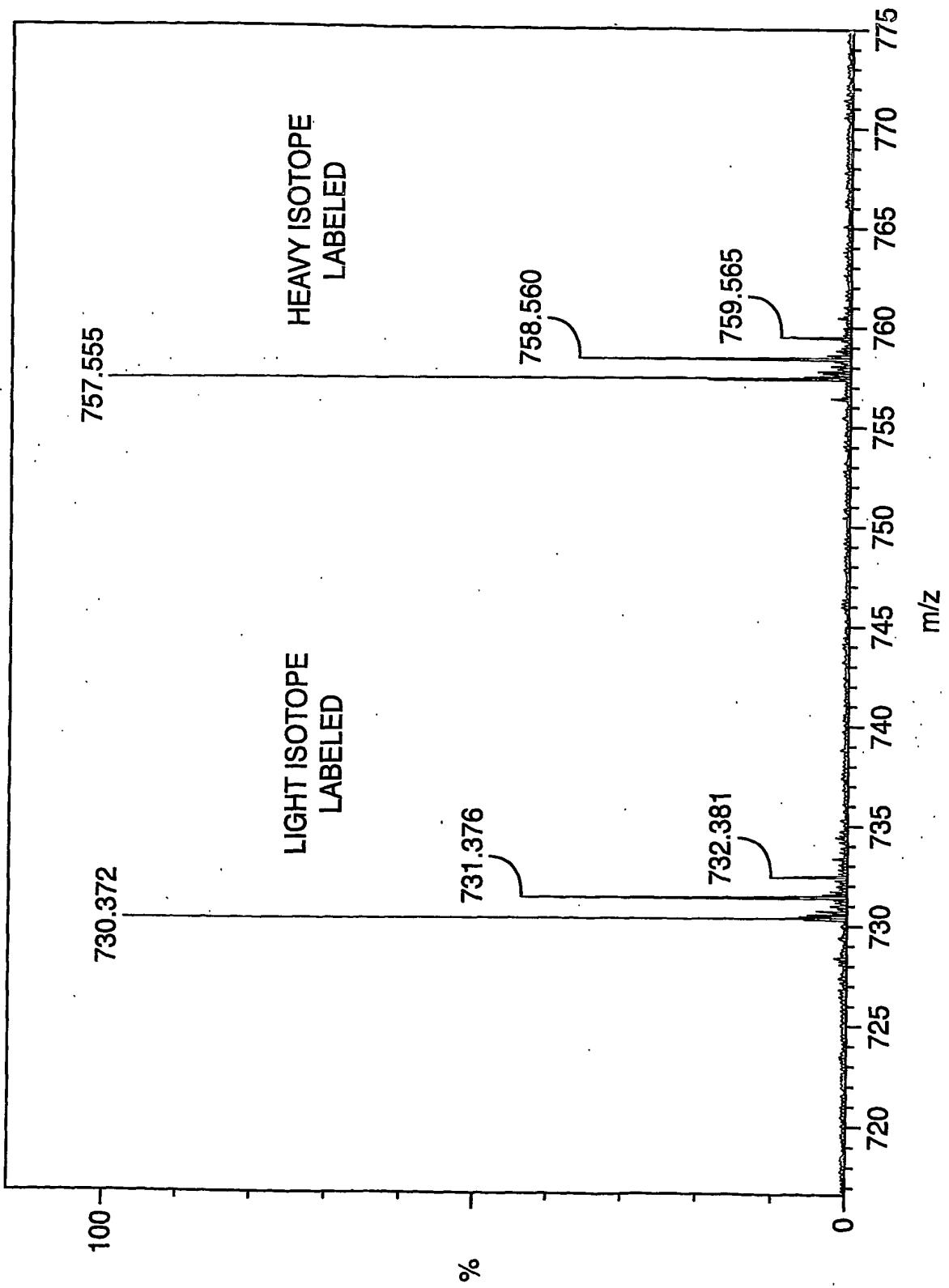
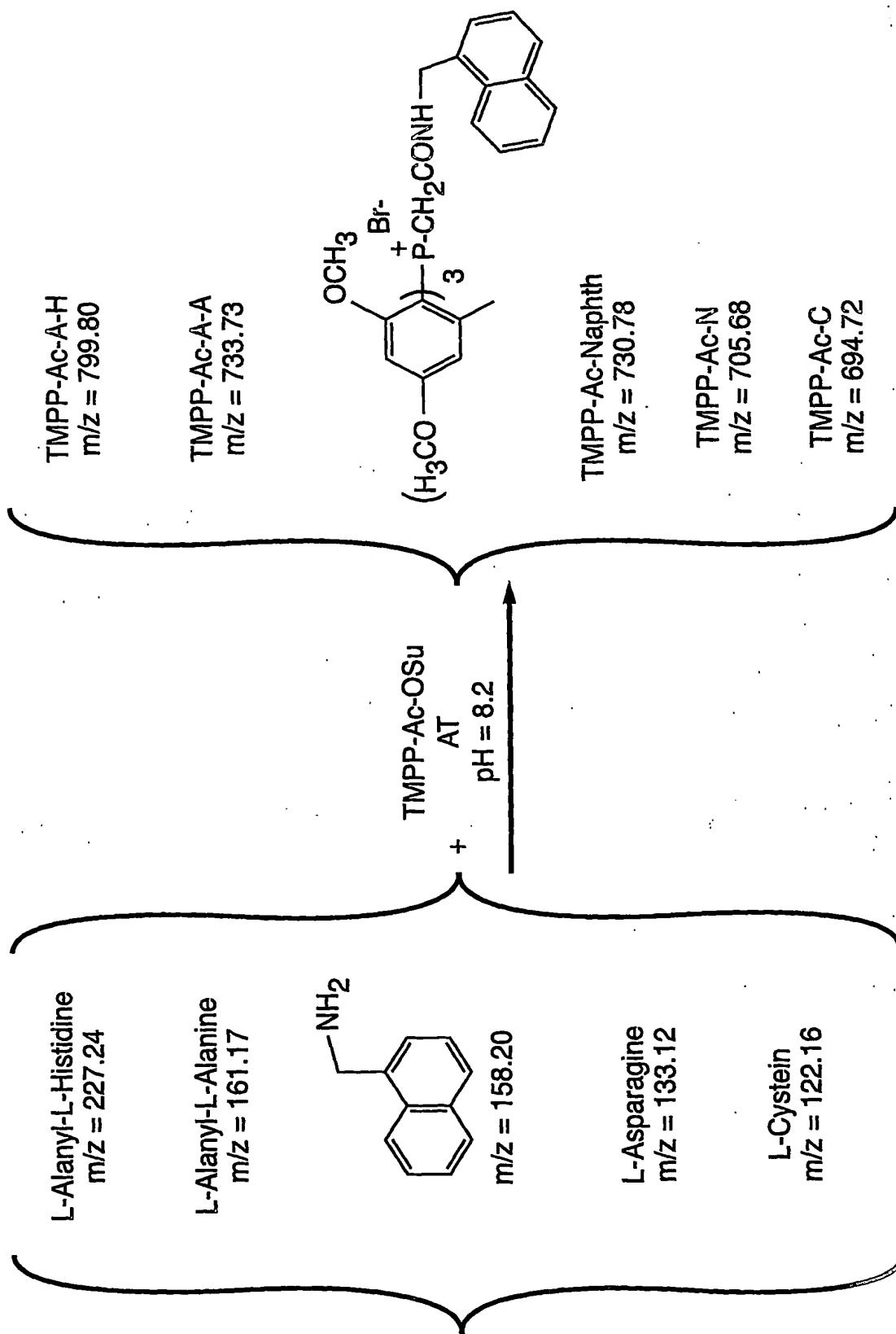


FIG. 4



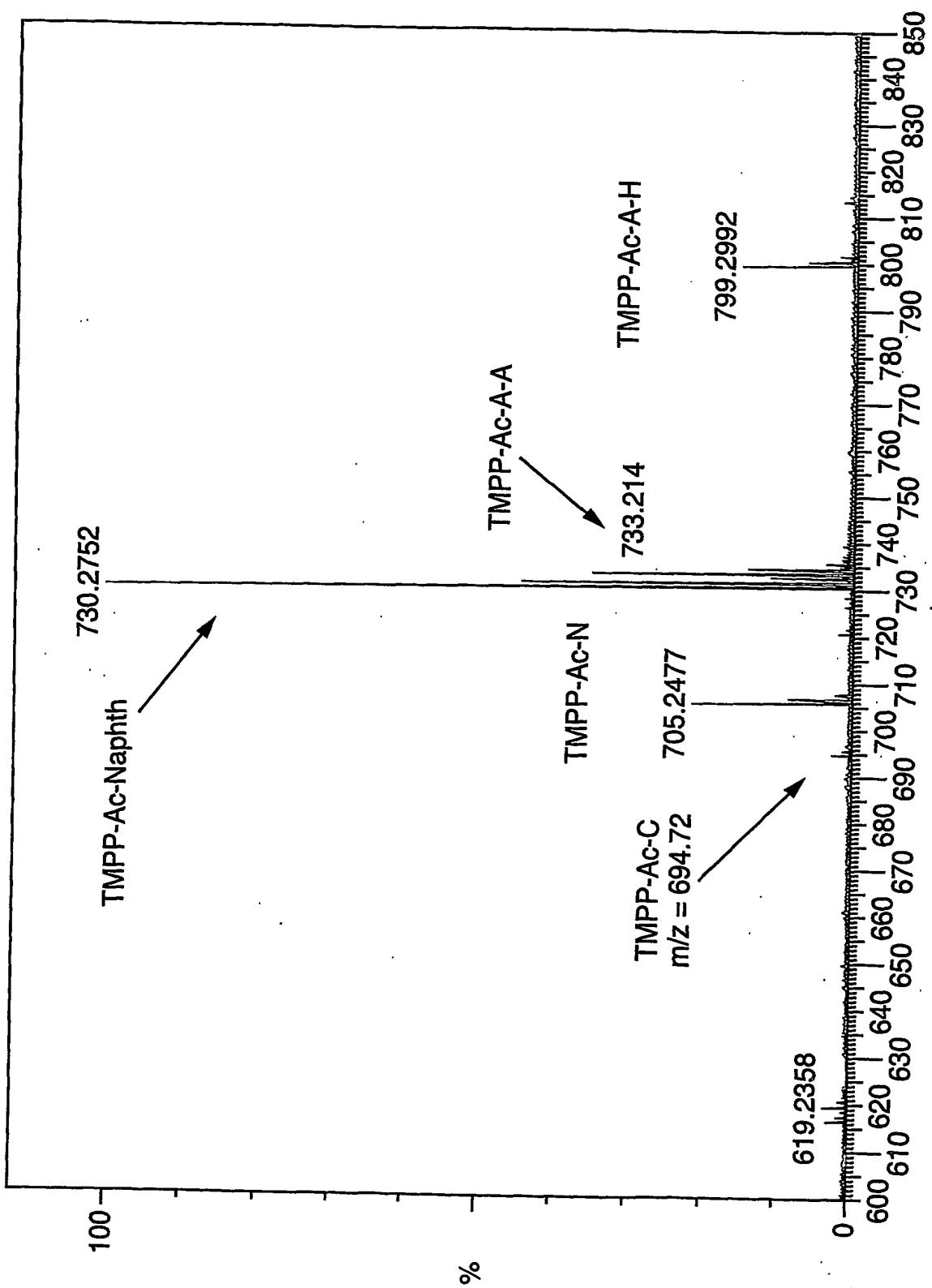


FIG. 6

FIG. 7A

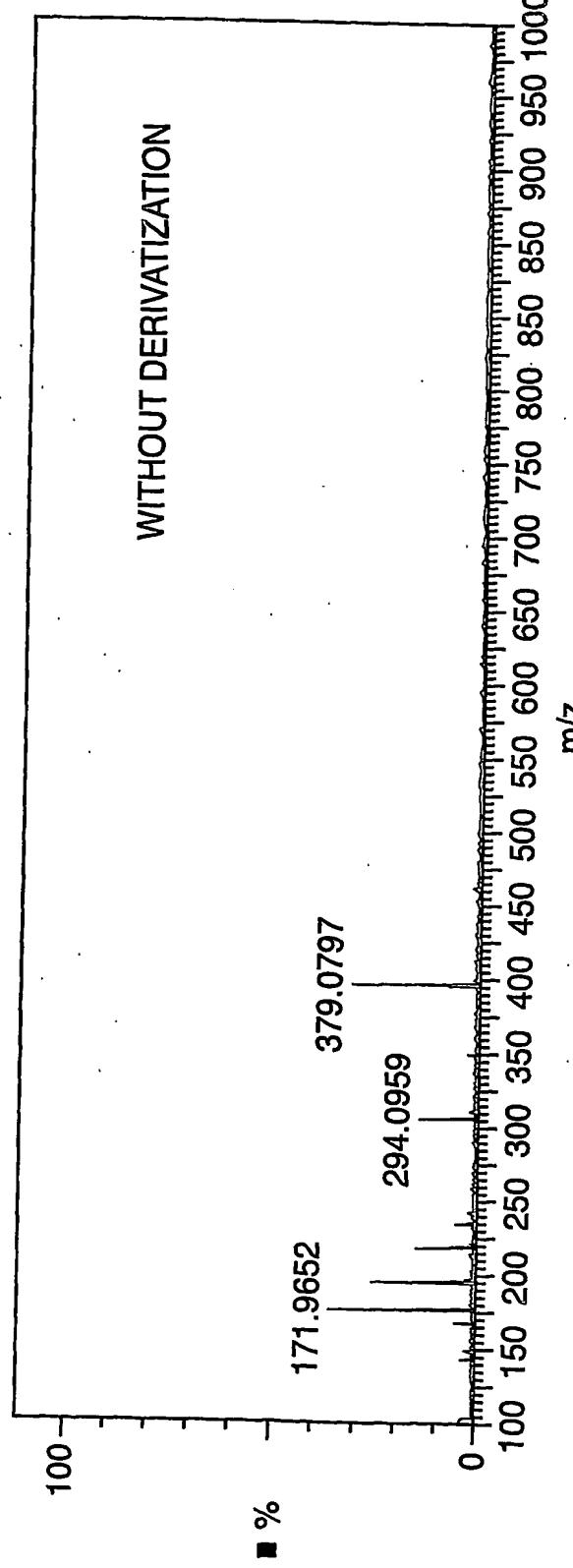
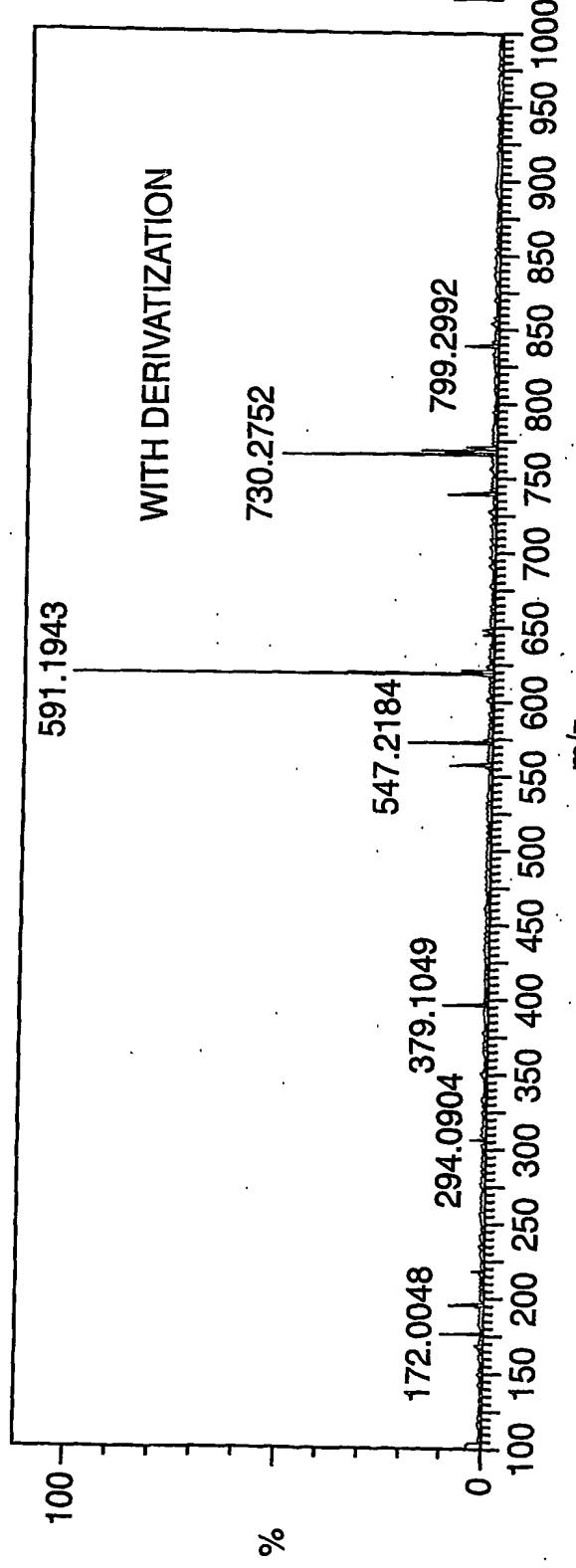


FIG. 7B



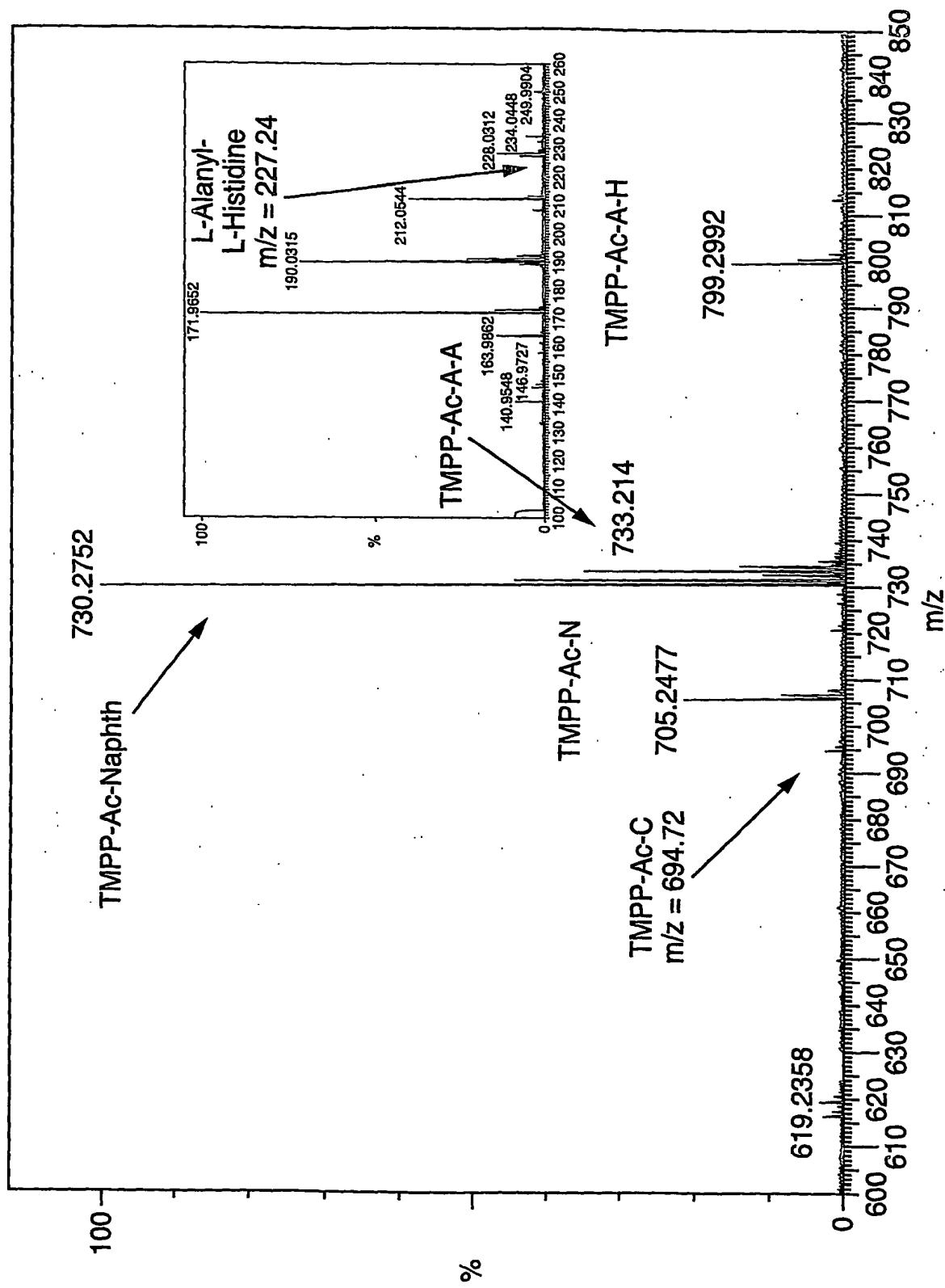


FIG. 8

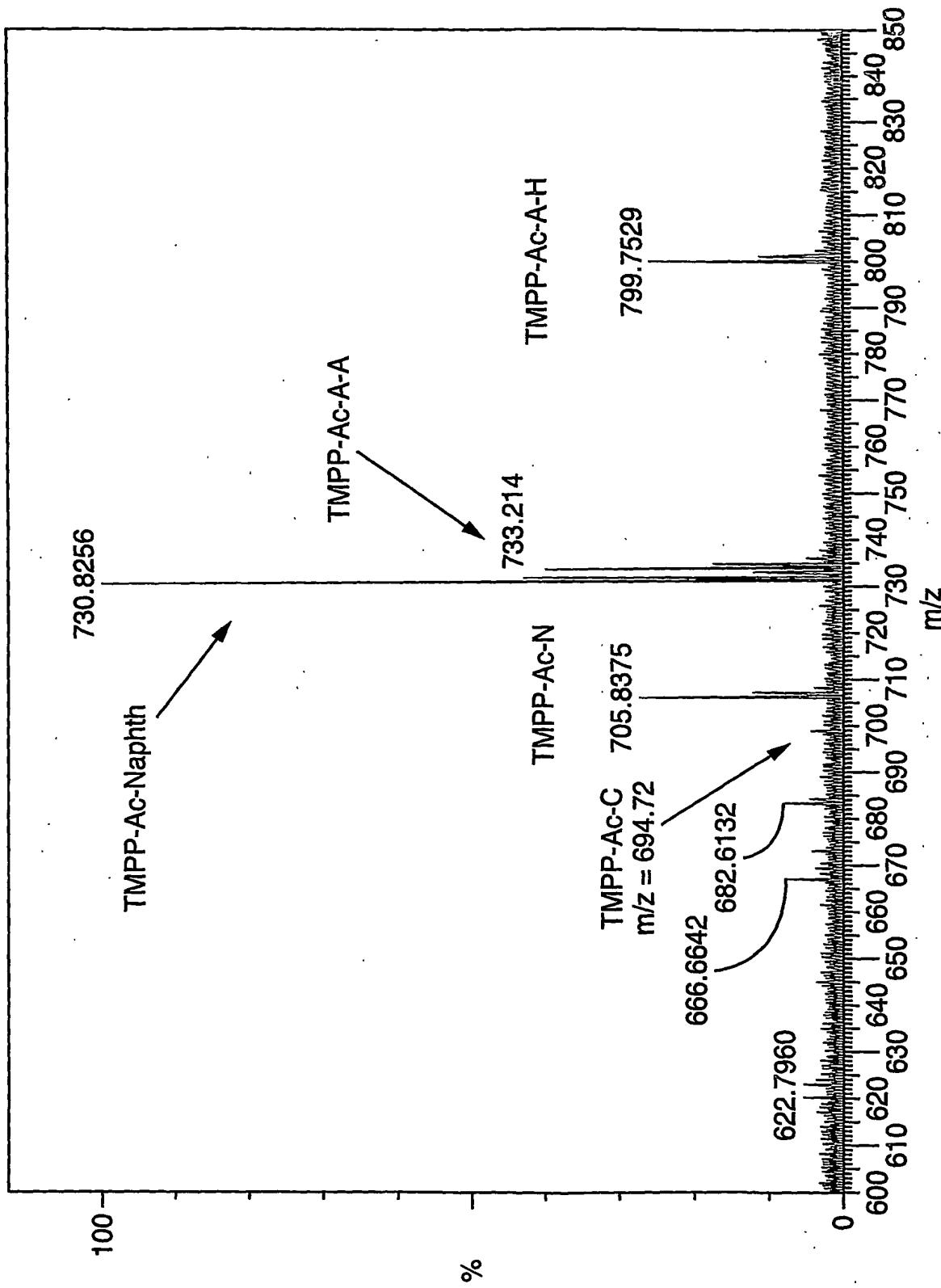


FIG. 9

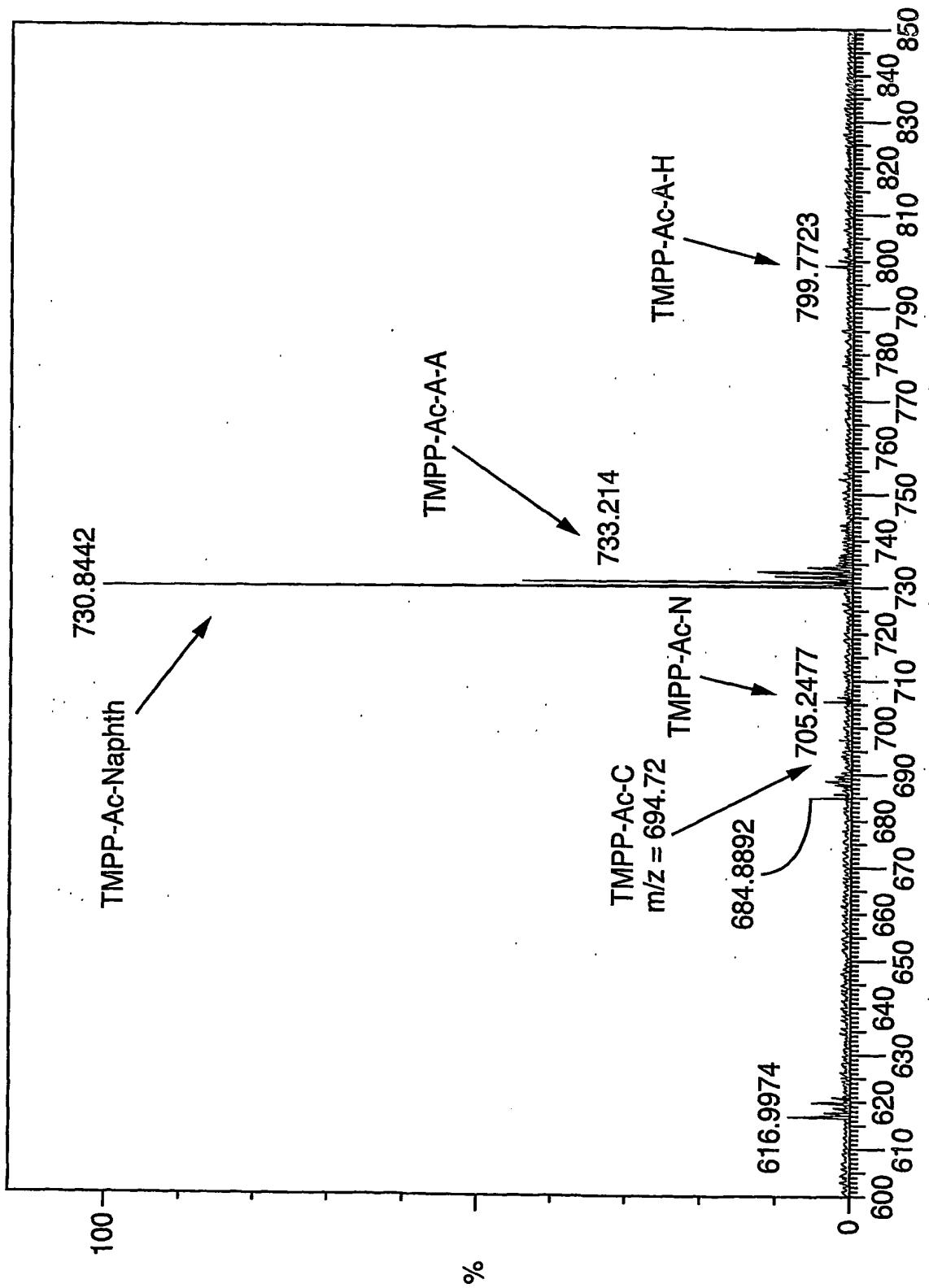


FIG. 10

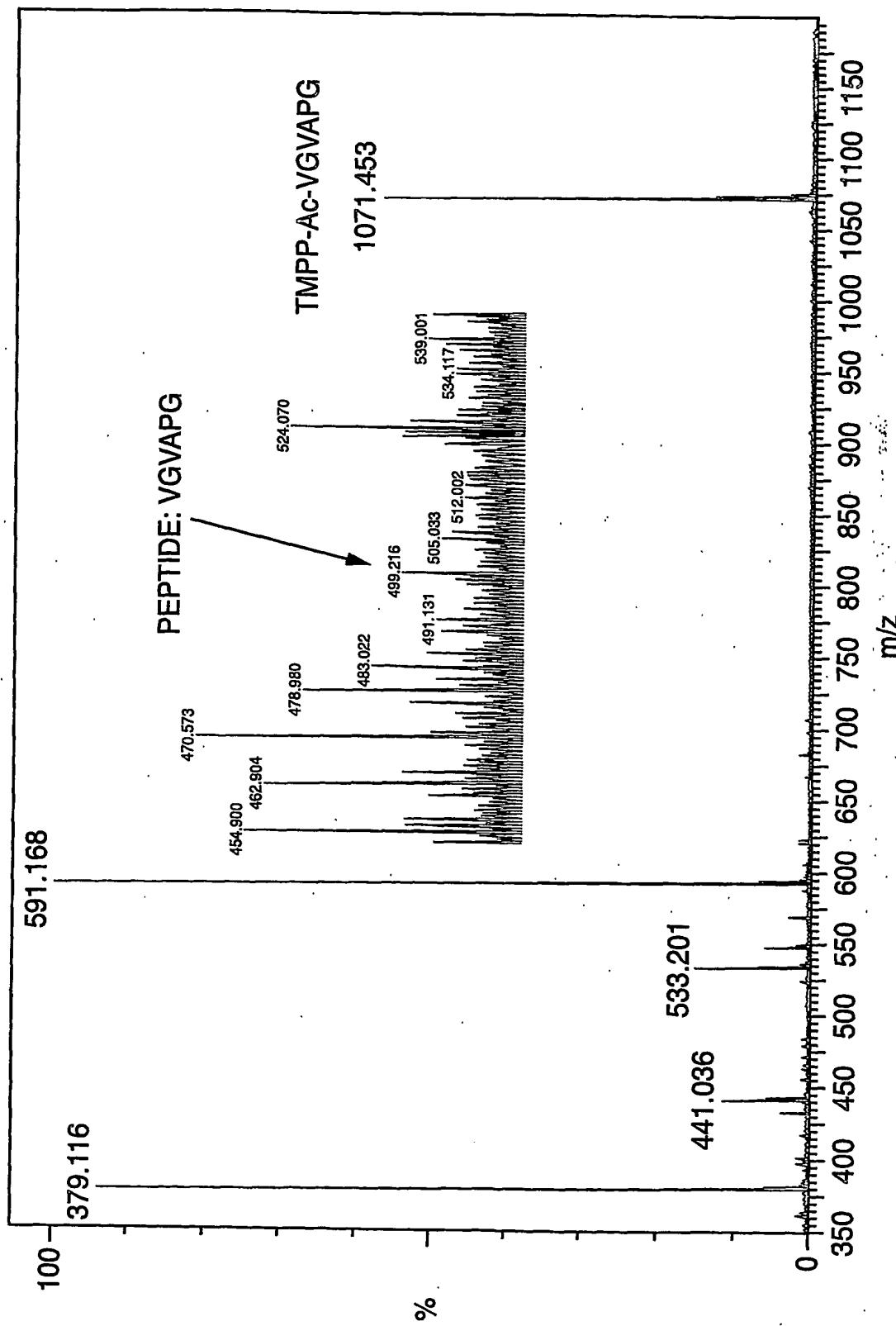


FIG. 12A

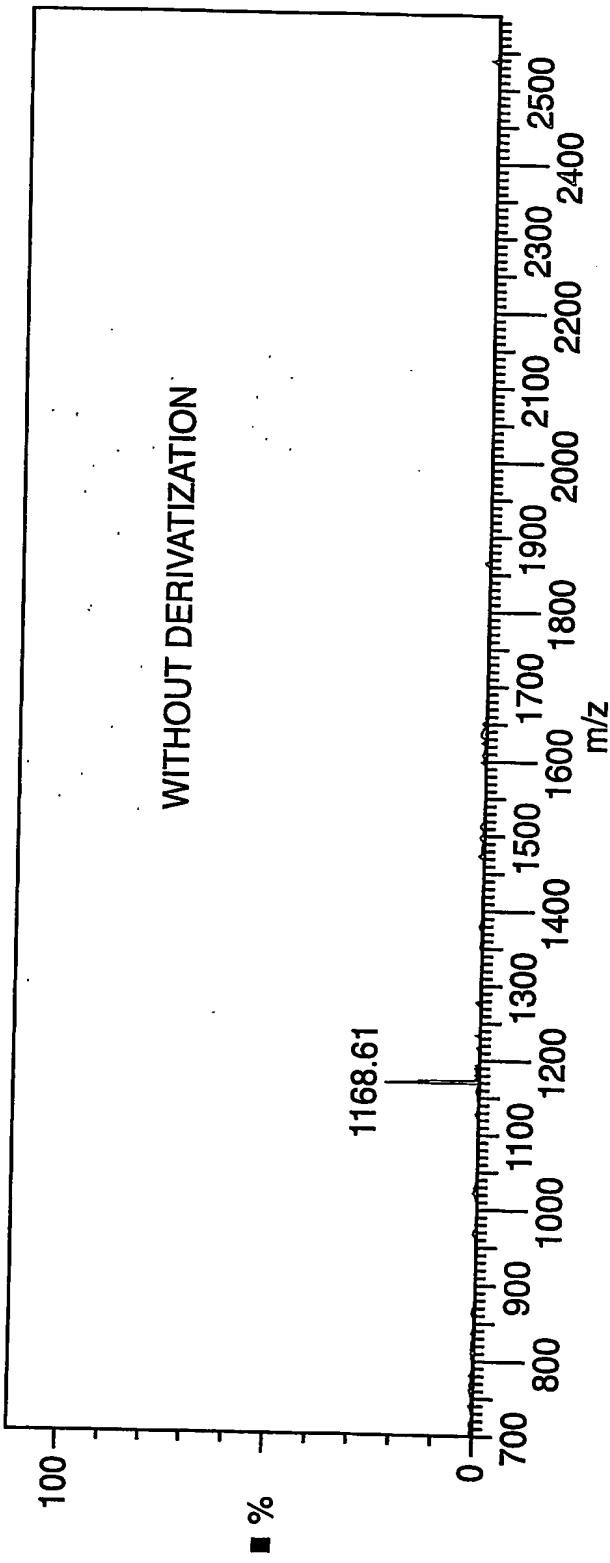
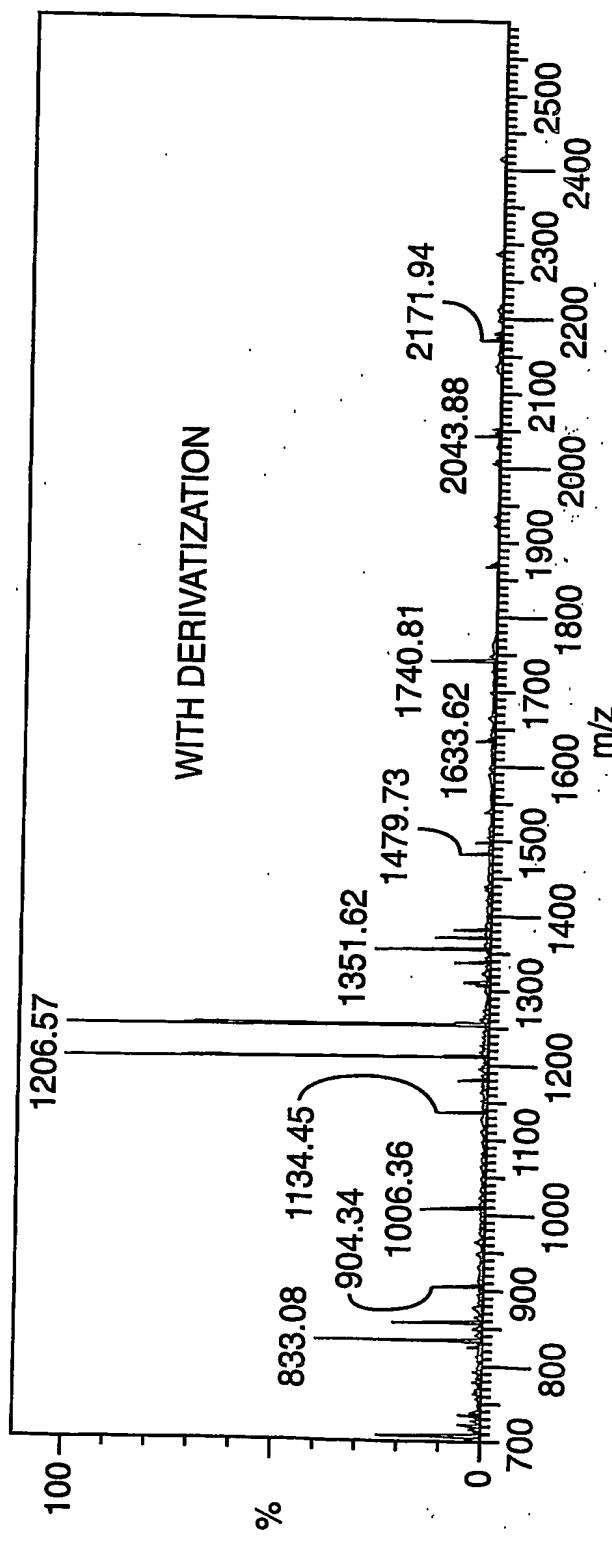
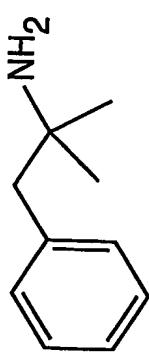
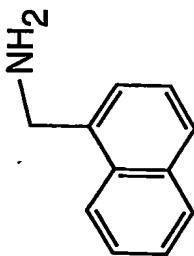


FIG. 12B

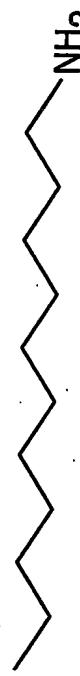




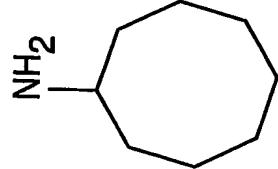
Phentermine, C10H15N, FW 149.236



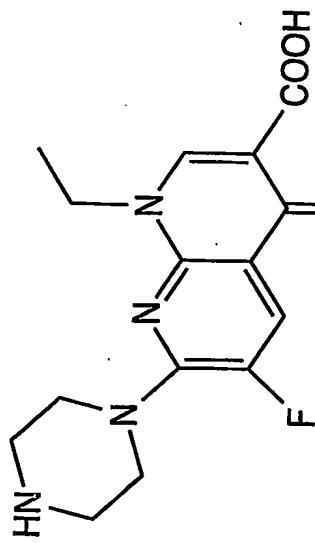
Naphthalenemethylamine  $MH+ = 158.097$



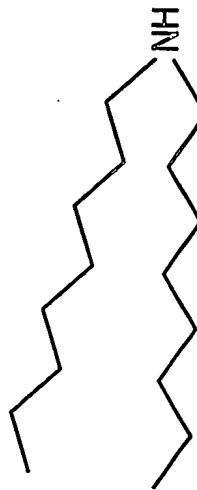
Undecylamine, C11H25N, FW 171.3275



Cyclooctylamine, C8H17N, FW 127.23



Enoxacin, C15H17N4FO3, FW 320.3



**Diocetylamine, C16H35N, FW 241.462**

13

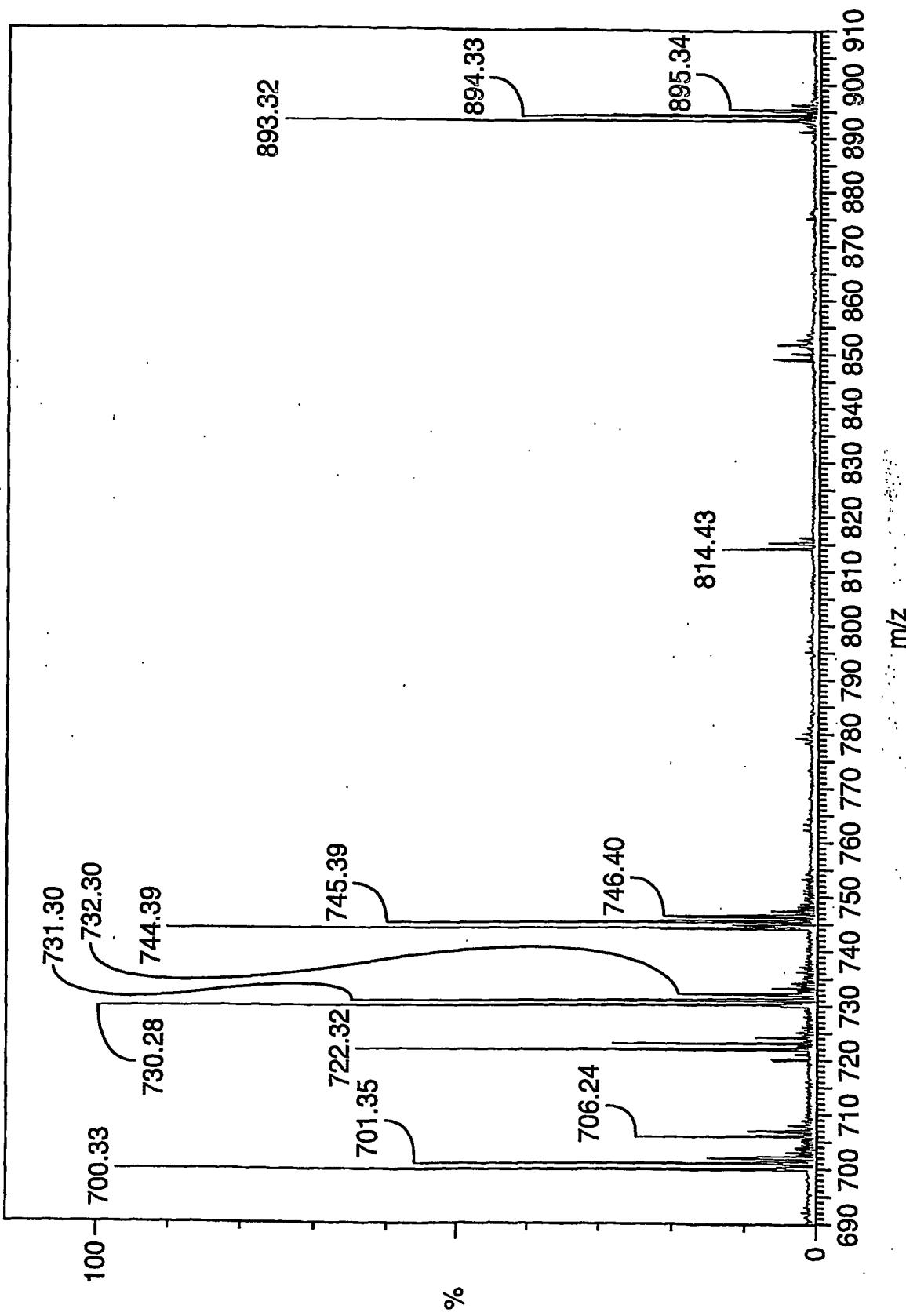


FIG. 14

FIG. 15A

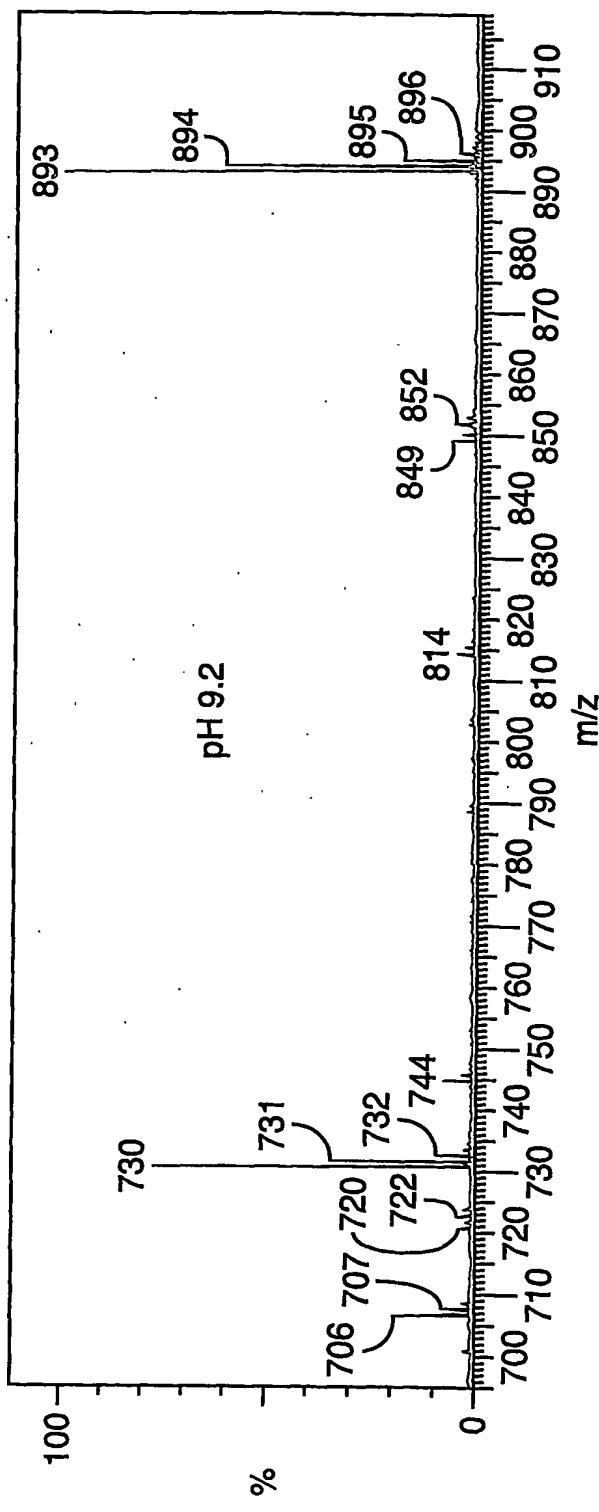
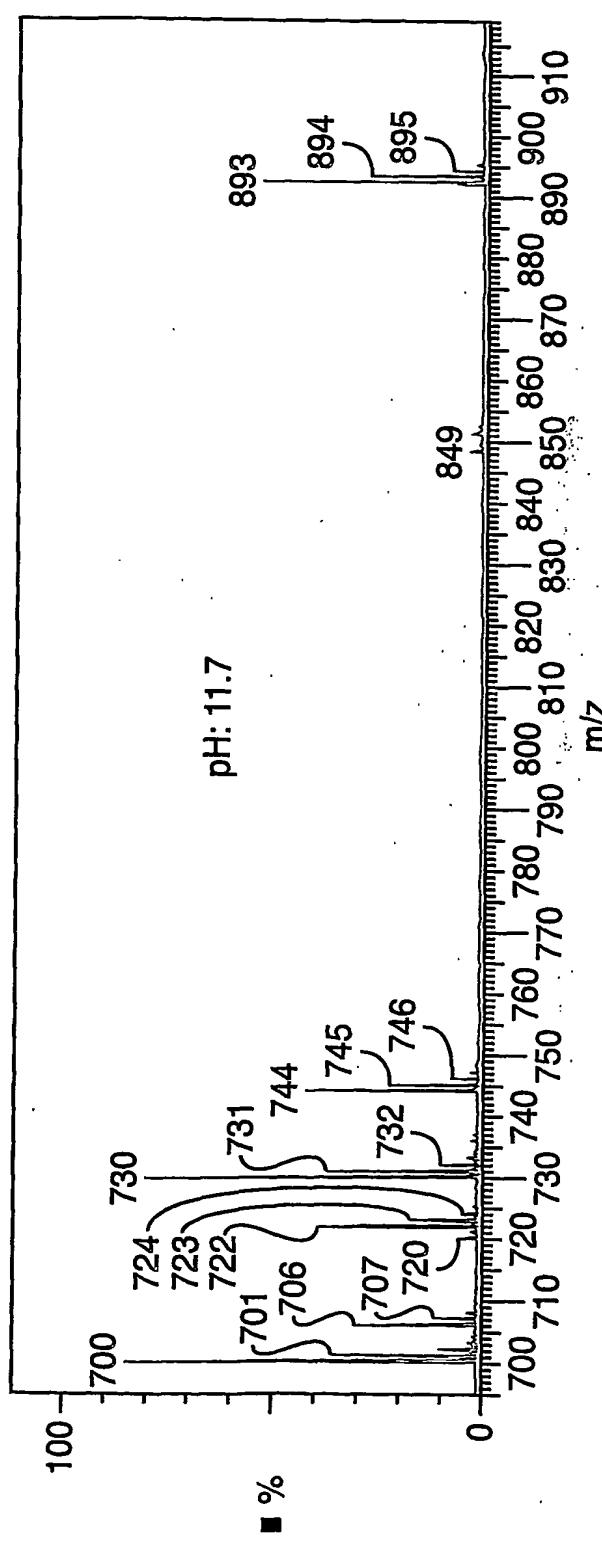


FIG. 15B



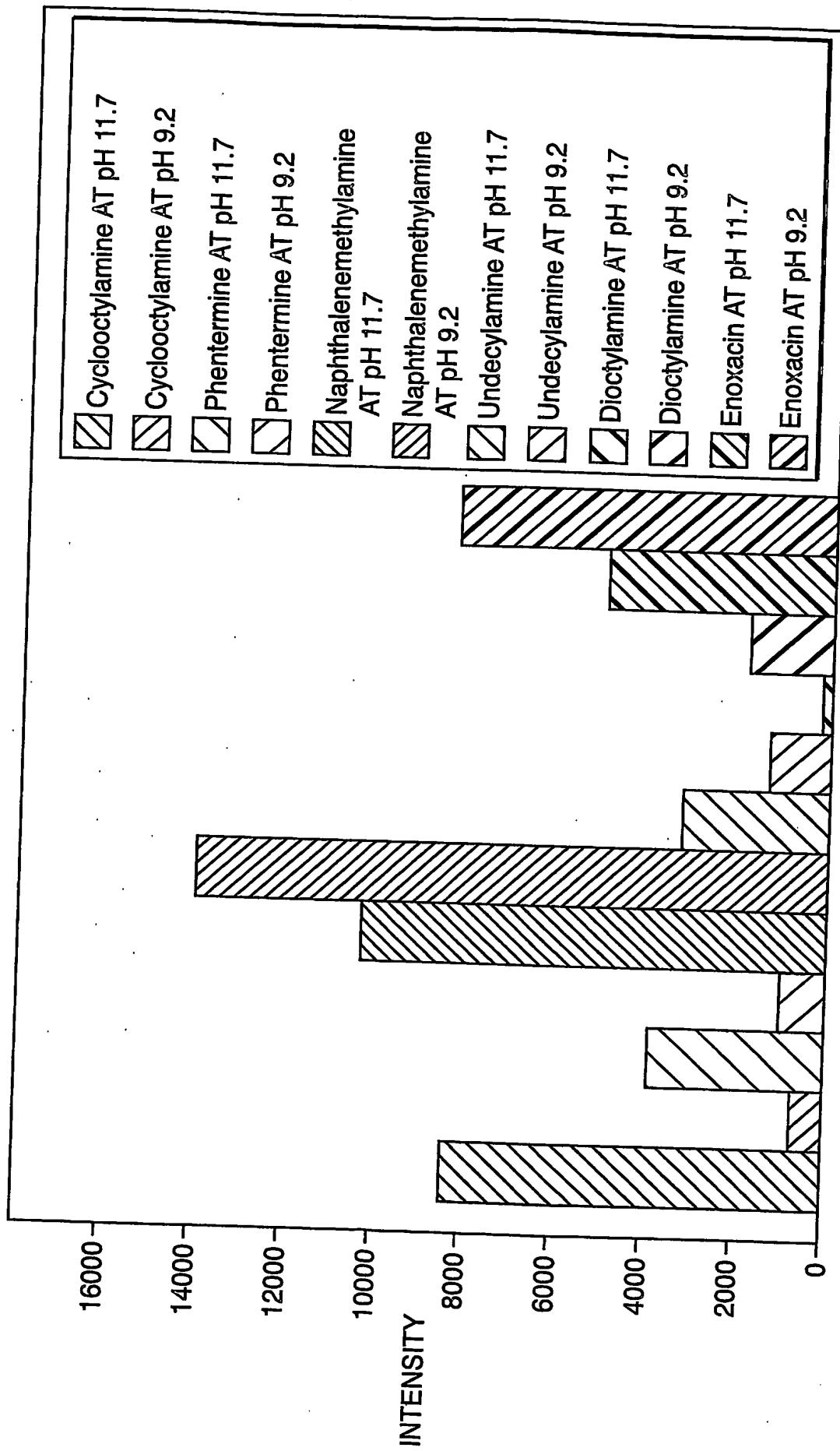


FIG. 16

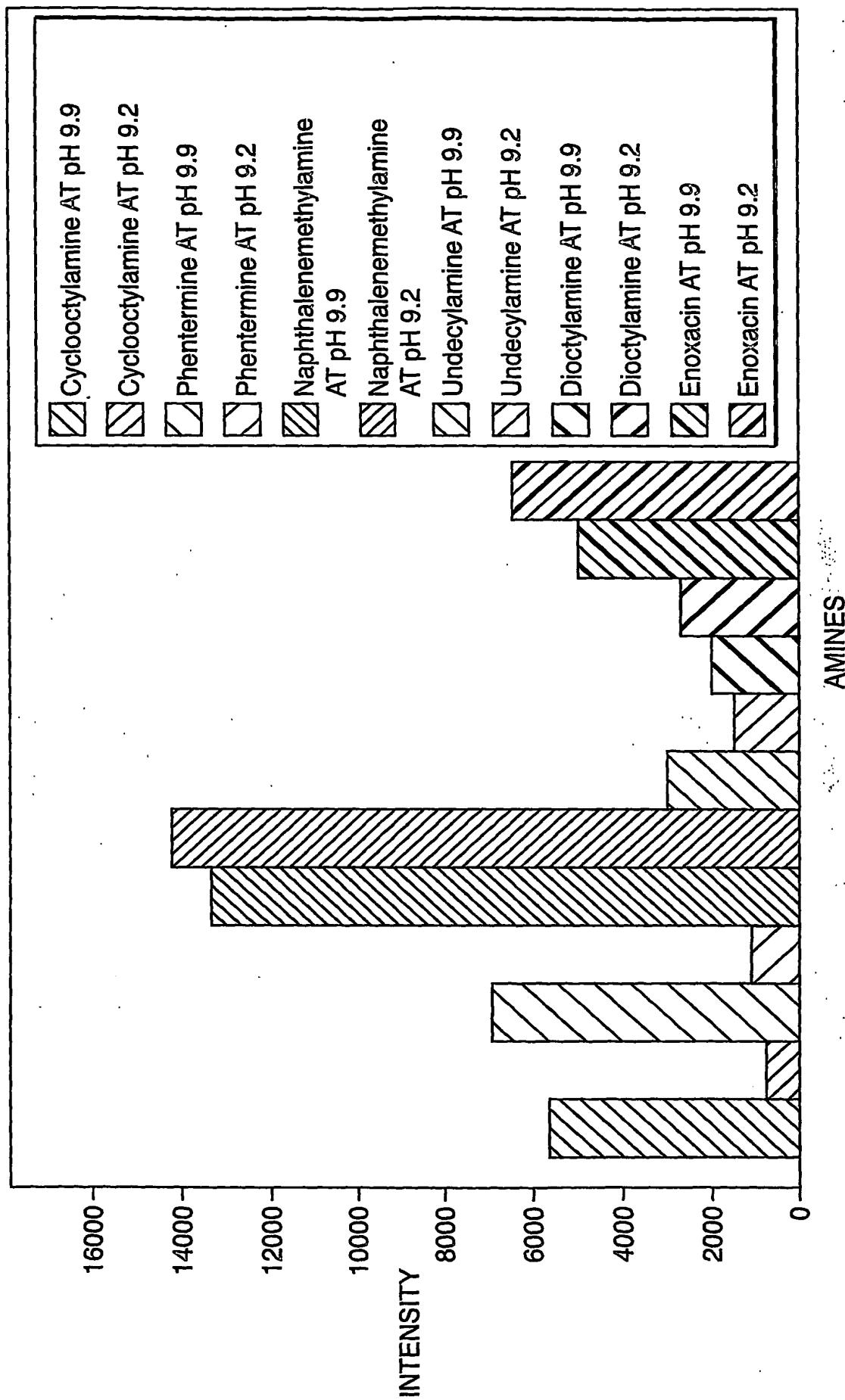


FIG. 17

FIG. 18A

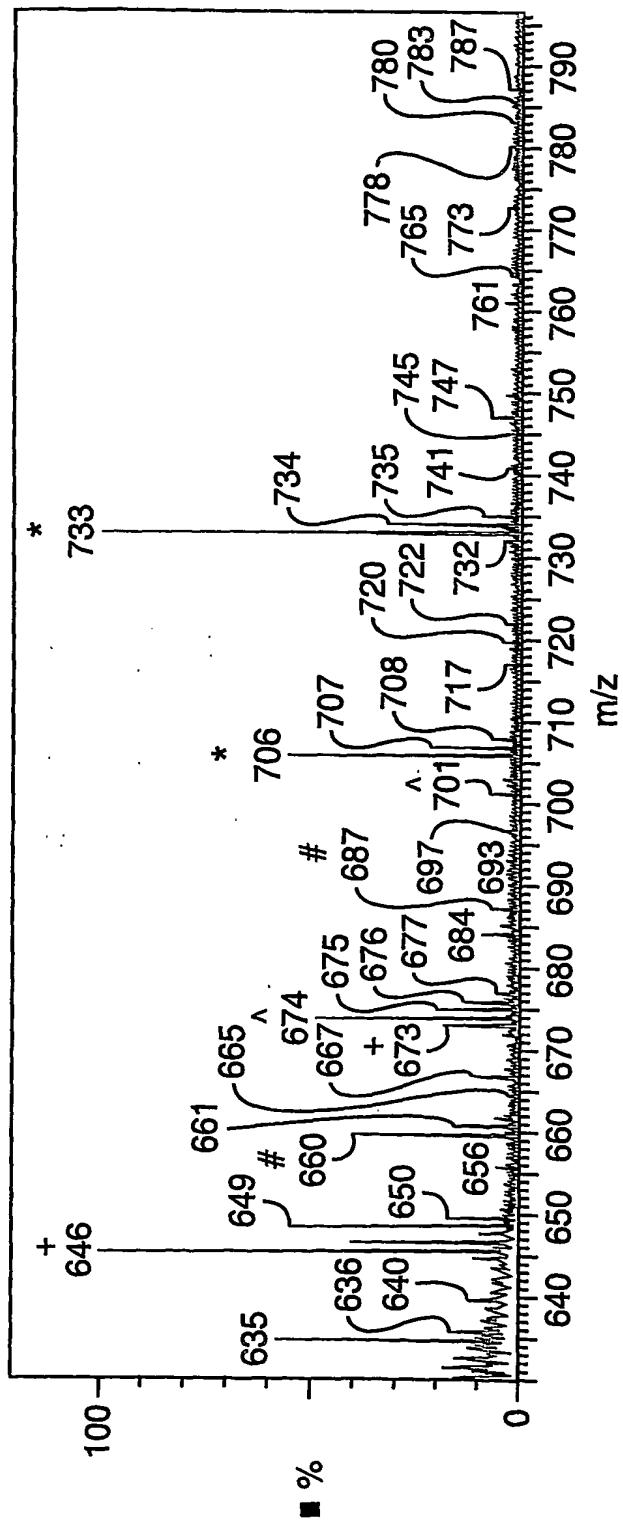
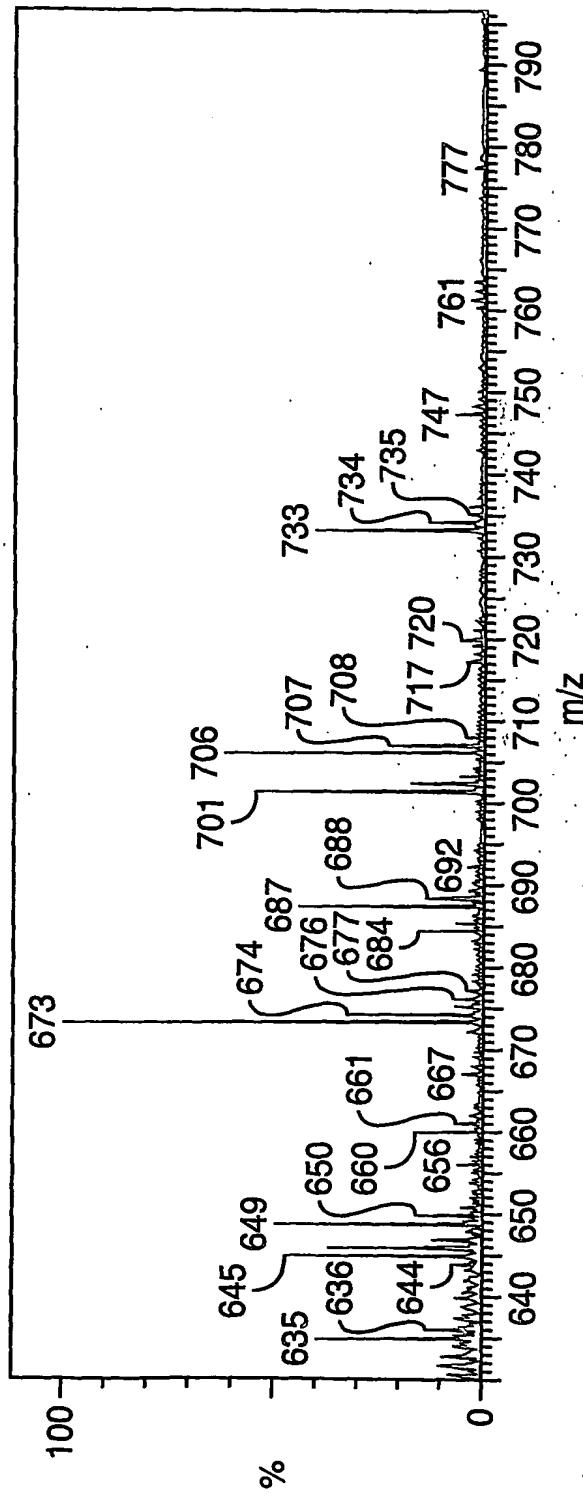
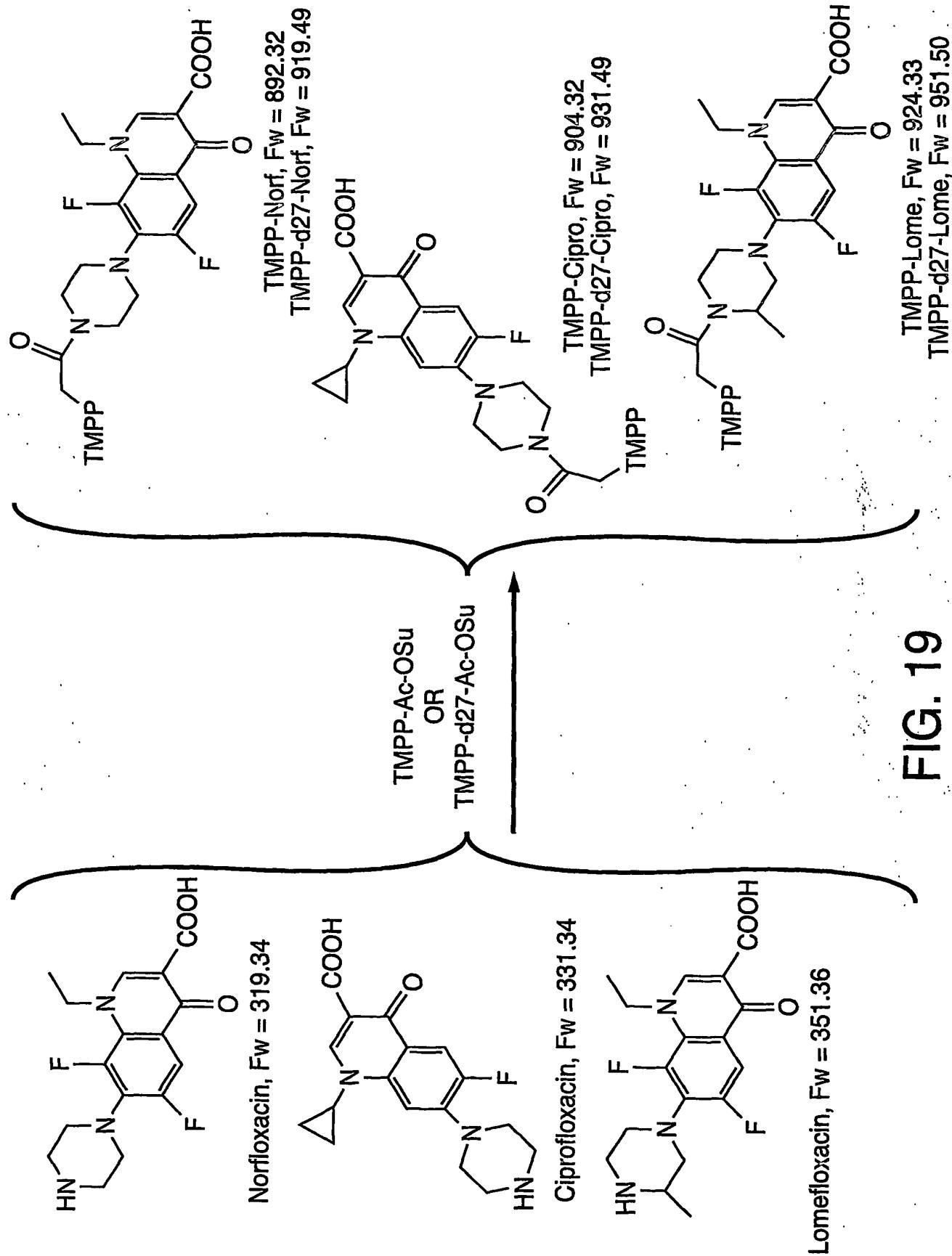


FIG. 18B





19

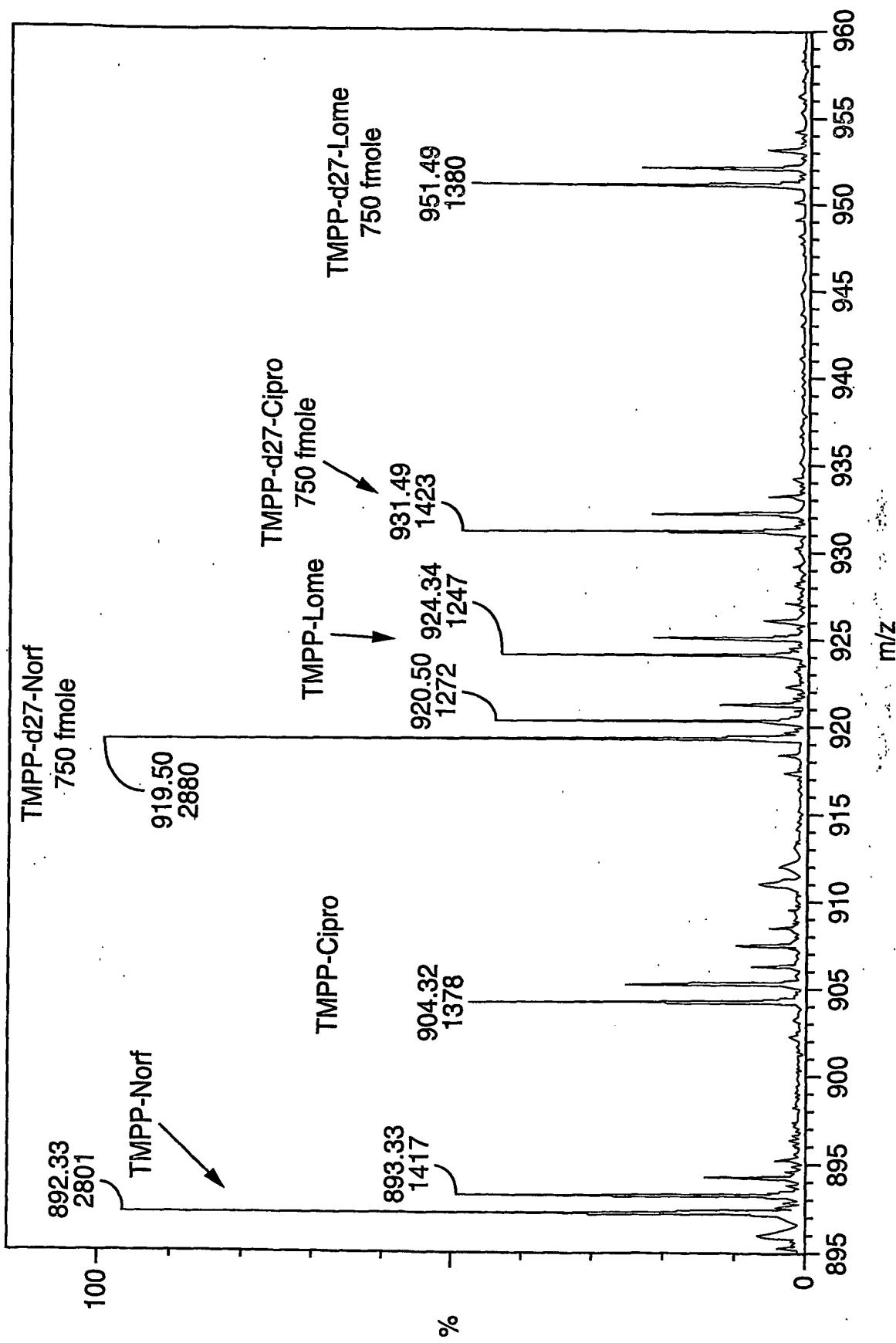


FIG. 20

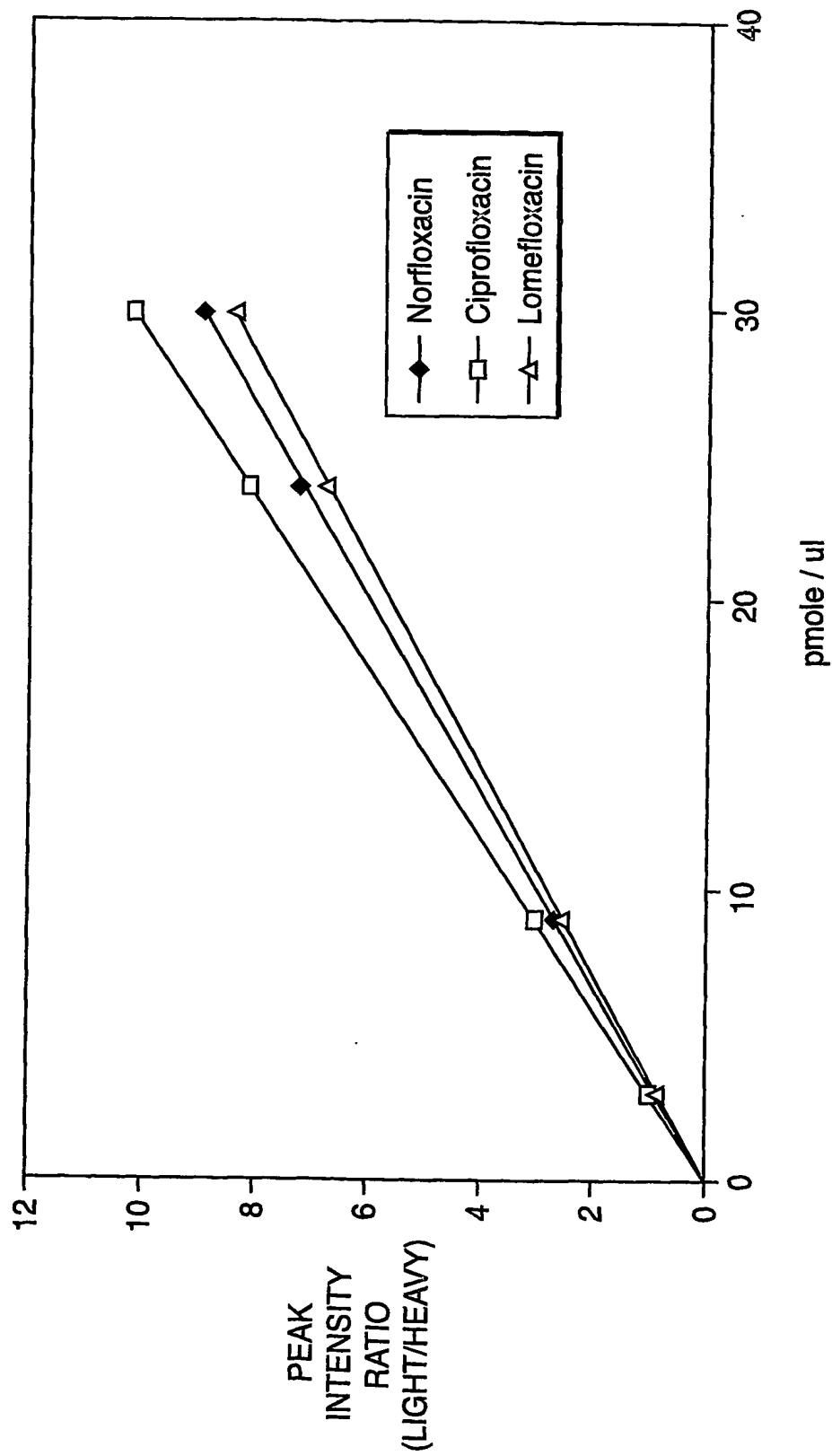


FIG. 21

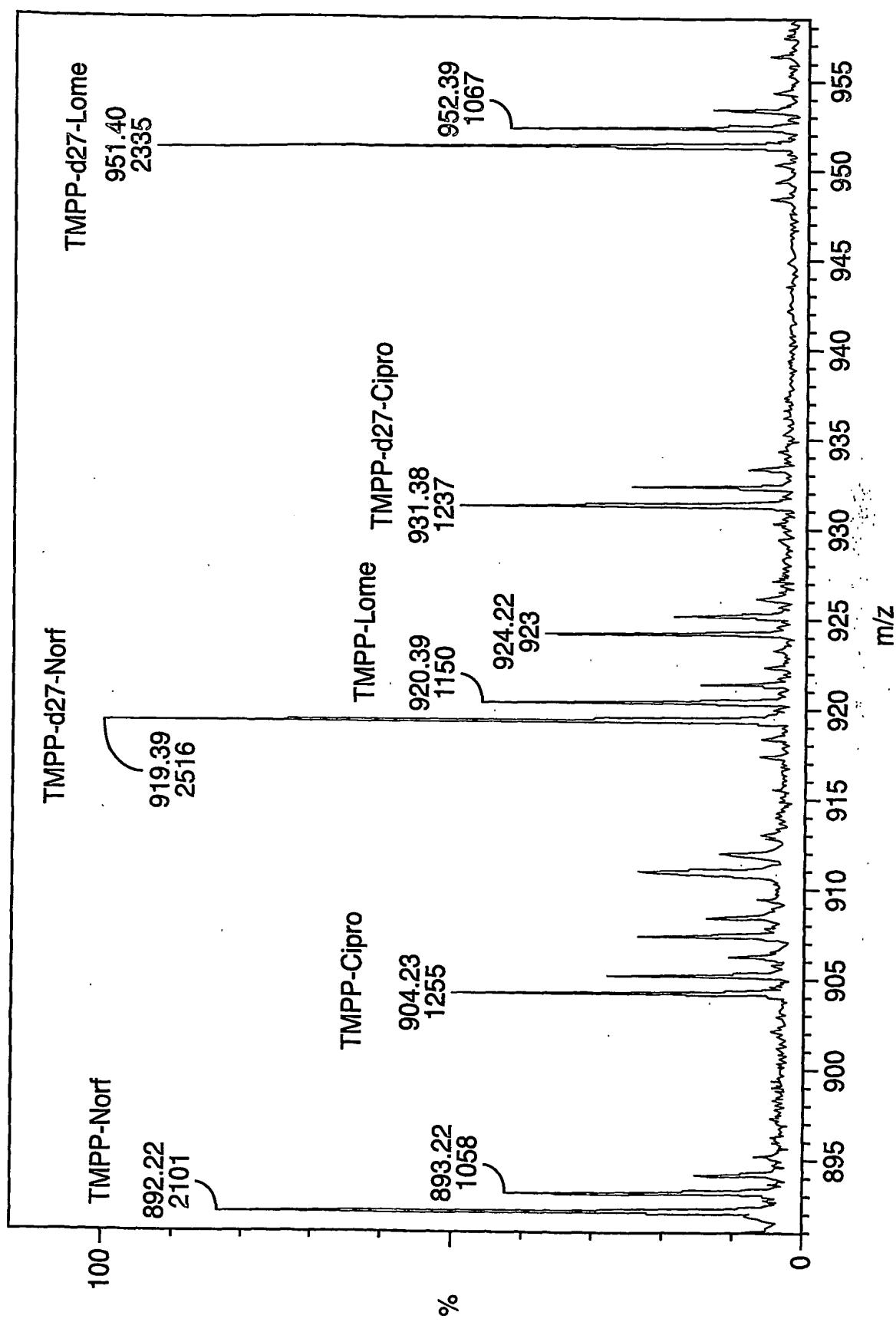


FIG. 22

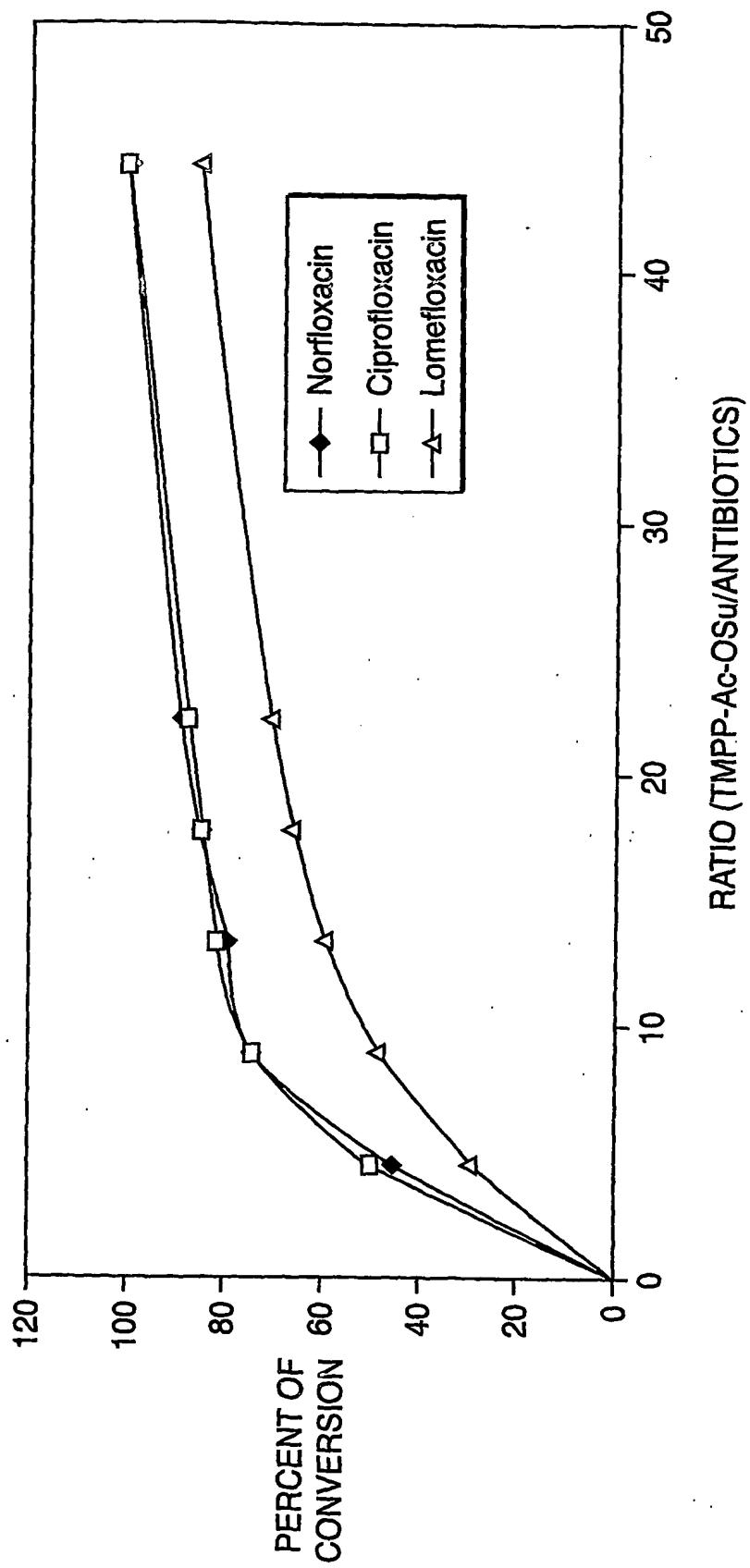


FIG. 23

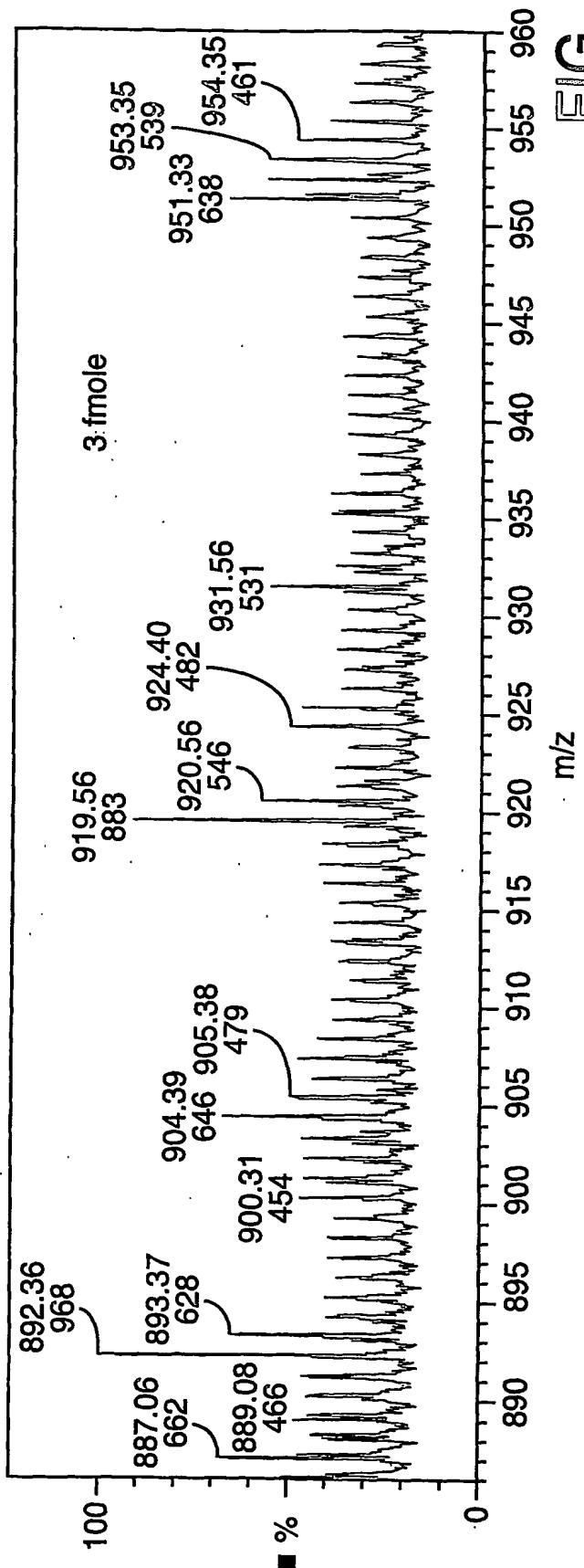


FIG. 24A

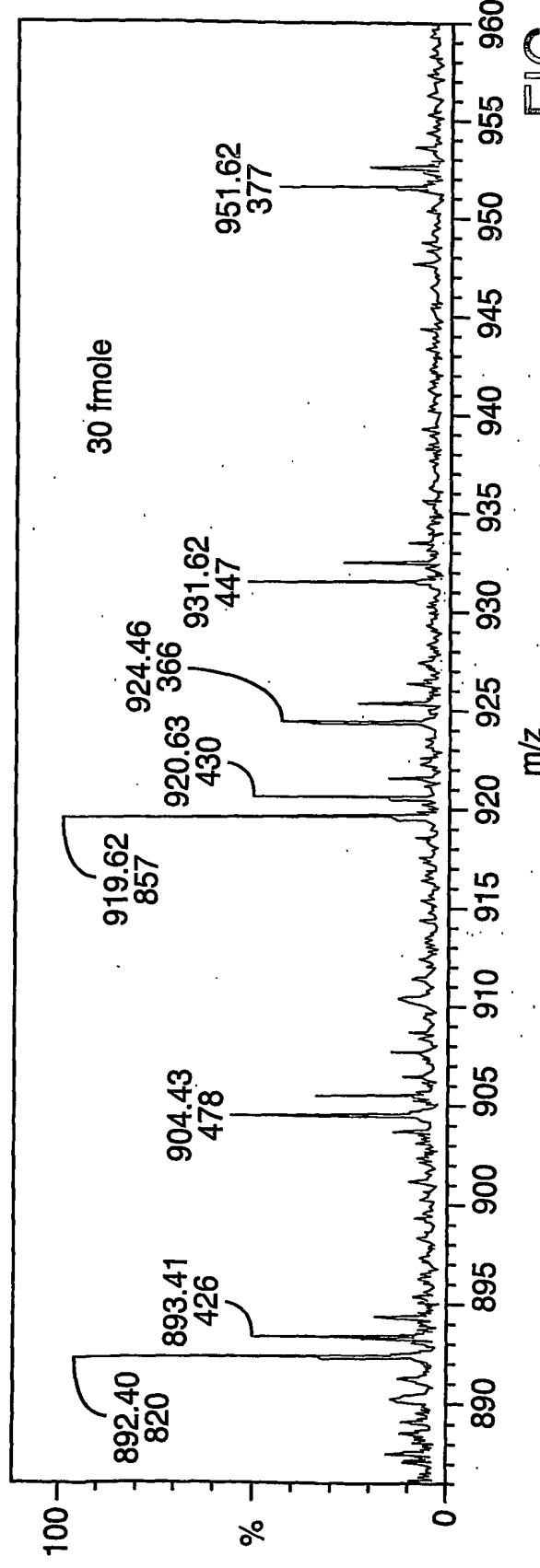


FIG. 24B

